

## REMARKS

This is intended as a full and complete response to the Office Action dated March 29, 2004, having a shortened statutory period for response extended one month to expire on July 29, 2004. Claims 1-26 remain pending in the application and are shown above. Claims 1-26 stand rejected by the Examiner. Reconsideration of the rejected claims is requested for reasons presented below.


Claims 1-26 stand rejected under 35 USC § 102(e) as being anticipated by *Chen et al.* (US 6,267,820). The Examiner states that *Chen et al.* teaches a vaporizer coupled to a deposition chamber where the vaporizer includes one or more grids (piezoelectric actuator 23) positioned in a liquid material inlet passage that is connected to a vaporization chamber in col. 1, lines 22-26.

Applicants respectfully traverse the rejection on ground that *Chen et al.* discloses a clog resistance injection valve 41a provided with a wave generator to avoid valve clogging. The injection valve 41a of *Chen et al.* further include a piezoelectric actuator 23 operatively coupled to a flexible plate 27 at a location above a processing gas inlet 13, so that at a high voltage, expansion of the piezoelectric actuator 23 seals the flexible plate 27 against the processing liquid inlet 13 stopping processing liquid flow therefrom, and at a low voltage, contraction of the piezoelectric actuator 23 allows the flexible plate 27 to move away from the processing liquid inlet 13 allowing processing liquid to flow therefrom to a vaporization region 21 (See, column 3, lines 14-25).

The piezoelectric actuator 23 of *Chen et al.* is not positioned in a liquid material inlet passage. There is a flexible plate 27 separating the piezoelectric actuator 23 from the processing liquid inlet 13 and sealing the piezoelectric actuator 23 from the processing liquid inlet 13. Therefore, *Chen et al.* does not teach, show, or suggest an injector/vaporizer having one or more grids positioned in a liquid material inlet passage, as recited in claims 1-26. Withdrawal of the rejection is respectfully requested.

In conclusion, the reference cited by the Examiner does not teach, show, or suggest the invention as claimed. Having addressed all issues set out in the office action, Applicant respectfully submits that the claims are in condition for allowance and respectfully request that the claims be allowed.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "B. Todd Patterson", is written over a horizontal line.

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